

Converting Colors

CIELCh(71, 5.267, 151.451)

Have a look what the booklet for
CIELCh(71, 5.267, 151.451) contains.

CIELCh(71, 5.128, 151.050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 5.128, 151.050)

Conversions

Conversions Part 1

Format	Color
Hex	A7B0A9
RGB	167, 176, 169
RGB Percent	65%, 69%, 66%
CMY	0.3447, 0.3094, 0.3368
CMYK	0.05, 0.00, 0.04, 0.31
HSL	133°, 5%, 67%
HSV	133°, 5%, 69%
XYZ	38.6757, 42.1875, 43.6922
YIQ	172.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

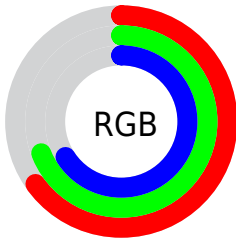
Format	Color
RYB	167, 174, 176
Decimal	10989737
CIELab	71.00, -4.49, 2.48
CIELCh	71, 5.128, 151.050
Yxy	42.1875, 0.3105, 0.3387
Android (android.graphics.Color)	4289179817 (0xFFA7B0A9)
YUV	172.5110, -1.7309, -4.8331
Hunter-Lab	64.9519, -7.3778, 5.5829

Details

The CIELCh color **71, 5.128, 151.050** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 5.150, 331.577**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.494, 150.320**, and **51, 5.475, 150.906** is the 20% darker color. If you saturate the color by 10%, you get **69, 15.256, 150.307**, and if you desaturate by 10%, it is **73, 4.877, 331.544**.

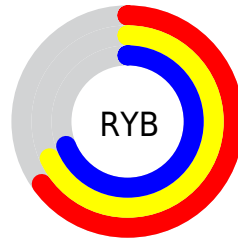
Distribution



Red (65%)

Green (69%)

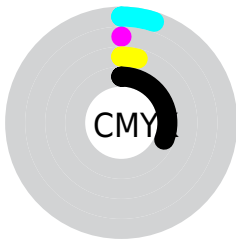
Blue (66%)



Red (65%)

Yellow (68%)

Blue (69%)

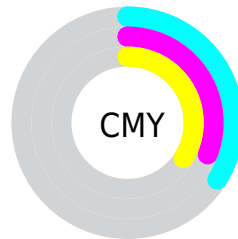


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (31%)



Cyan (34%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.128, 151.050 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 71, 5.128, 151.050 by changing the saturation by 10% instead.

■ 71, 5.128, 151.050

■ 71, 5.128, 151.050

■ 100, 5.128,
151.050

■ 61, 5.128, 151.050

■ 91, 5.128, 151.050

■ 51, 5.128, 151.050

■ 41, 5.128, 151.050

■ 31, 5.128, 151.050

■ 21, 5.128, 151.050

■ 11, 5.128, 151.050

■ 1, 5.128, 151.050

■ 0, 5.128, 151.050

■ 71, 5.128, 151.050

■ 71, 5.128, 151.050

69, 15.256,
150.307

73, 4.877, 331.544

68, 25.393,
149.486

75, 14.688,
332.117

67, 35.400,
148.541

77, 24.249,
332.594

66, 45.106,
147.452

79, 33.528,
333.012

65, 54.314,
146.204

81, 42.475,
333.318

64, 62.812,
144.791

81, 47.834,
327.464

63, 70.390,
143.228

82, 49.364,
326.130

63, 76.862,
141.555

63, 82.078,

139.855

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71, 5.128, 151.050



69, 5.150, 331.577

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 5.128, 151.050



71, 5.128, 201.050



71, 5.128, 331.050



71, 5.128, 21.050

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71, 5.130, 151.048



91, 2.478, 151.330



71, 4.951, 118.309



48, 1.407, 151.345



96, 0.011, 296.813



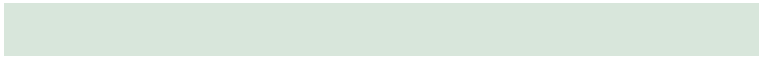
48, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 5.130, 151.048



90, 7.472, 150.973



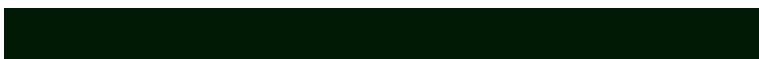
71, 3.644, 176.787



37, 4.026, 150.942



55, 75.568, 139.323



7, 14.429, 149.558

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69, 5.150, 331.577



88, 7.500, 331.648



69, 3.706, 357.475



36, 4.041, 331.678



34, 66.650, 339.334



2, 13.057, 334.697

Previews

White Background



This preview shows how the CIELCh color 71, 5.128, 151.050 looks on a white background.

Color Contrast Check

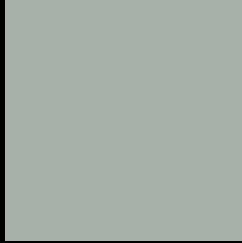
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 5.128, 151.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

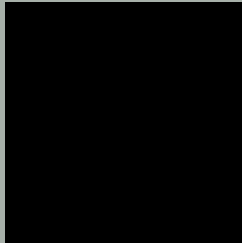
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

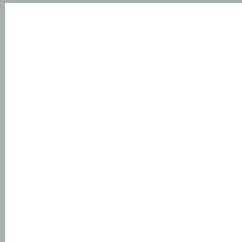
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.128, 151.050

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.128, 151.050.



This preview shows how white text looks on a background with the CIELCh color 71, 5.128, 151.050.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


71, 5.128, 151.050

Protanopia

71, 3.767, 79.335

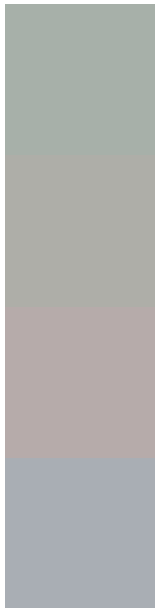
Deuteranopia

71, 8.978, 9.710



Tritanopia
71, 7.708, 282.852

Trichromacy



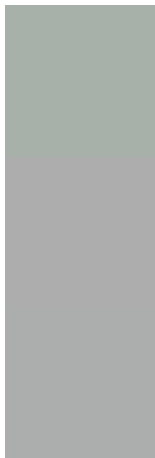
Original Color
71, 5.128, 151.050

Protanomaly
71, 3.260, 109.836

Deuteranomaly
71, 4.227, 27.035

Tritanomaly
71, 3.731, 261.039

Monochromacy



Original Color
71, 5.128, 151.050

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.571, 155.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.128, 151.050 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(167, 176, 169)` looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 169)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(167, 176, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.128, 151.050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

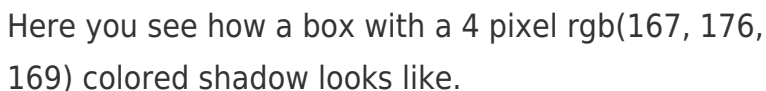
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 176, 169) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(167, 176, 169) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(167, 176, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(167, 176,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.128, 151.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 169) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(167,  
176, 169) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor